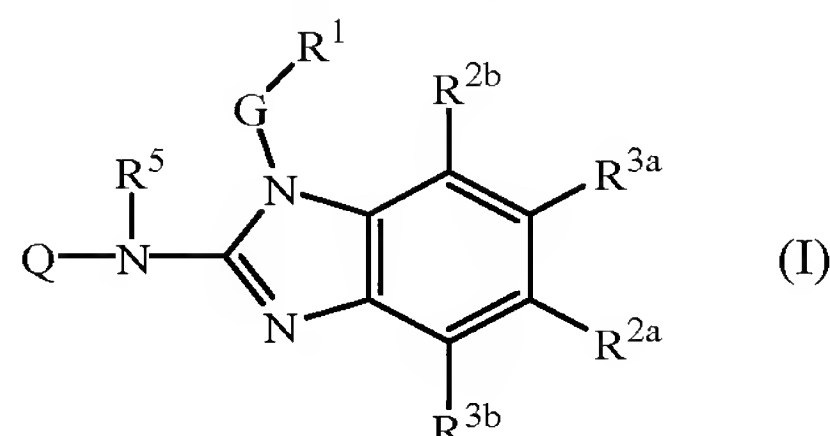


ABSTRACT

AMINO-BENZIMIDAZOLES DERIVATIVES AS INHIBITORS OF
RESPIRATORY SYNCYTIAL VIRUS REPLICATION

5

The present invention concerns amino-benzimidazoles having inhibitory activity on the replication of the respiratory syncytial virus and having the formula



their prodrugs, *N*-oxides, addition salts, quaternary amines, metal complexes and
10 stereochemically isomeric forms wherein Q is Ar¹ or C₁₋₆alkyl substituted with one or
more substituents selected from trifluoromethyl, C₃₋₇cycloalkyl, Ar², hydroxy,
C₁₋₄alkoxy, C₁₋₄alkylthio, Ar²-oxy-, Ar²-thio-, Ar²(CH₂)_noxy, Ar²(CH₂)_nthio,
hydroxycarbonyl, aminocarbonyl, C₁₋₄alkylcarbonyl, Ar²carbonyl, C₁₋₄alkoxycarbonyl,
Ar²(CH₂)_ncarbonyl, aminocarbonyloxy, C₁₋₄alkylcarbonyloxy, Ar²carbonyloxy,
15 Ar²(CH₂)_ncarbonyloxy, hydroxy-C₂₋₄-alkyloxy, C₁₋₄alkoxycarbonyl(CH₂)_noxy, mono-
or di(C₁₋₄alkyl)-aminocarbonyl, mono- or di(C₁₋₄alkyl)aminocarbonyloxy,
aminosulfonyl, mono- or di(C₁₋₄alkyl)aminosulfonyl, dioxolanyl optionally substituted
with one or two C₁₋₆alkyl radicals, and a heterocycle selected from pyrrolidinyl,
pyrrolyl, dihydropyrrolyl, thiazolidinyl, imidazolyl, triazolyl, piperidinyl,
20 homopiperidinyl, piperazinyl, pyridyl and tetrahydropyridyl, which each may
optionally be substituted with oxo or C₁₋₆alkyl; G is a direct bond or optionally
substituted C₁₋₁₀alkanediyl R¹ is Ar¹ or a monocyclic or bicyclic heterocycle; one of R^{2a}
and R^{3a} is C₁₋₆alkyl and the other one of R^{2a} and R^{3a} is hydrogen; in case R^{2a} is different
from hydrogen then R^{2b} is hydrogen or C₁₋₆alkyl, and R^{3b} is hydrogen; in case R^{3a} is
25 different from hydrogen then R^{3b} is hydrogen or C₁₋₆alkyl, and R^{2b} is hydrogen; Ar¹ is
phenyl or substituted phenyl and Ar² is phenyl or substituted phenyl. It further concerns
their preparation and compositions comprising them, as well as their use as a medicine.